OBJECTIVES AND GENERAL STRUCTURE OF THE PROGRAMME

The Doctoral Programme in Mathematics at the University of Barcelona involves an organized series of activities that provide advanced training and lead to the preparation of a doctoral thesis in one of the programme’s research areas. For each student, the process is overseen by a thesis supervisor who endorses the training activities and guides the research.

The programme, which has been adapted to the European Higher Education Area (EHEA) since academic year 2006-2007, was validated by the Universities Council in 2014, and was drawn from the former Doctoral Programme in Mathematics at the University of Barcelona and the Research Programme in Pure and Applied Logic.

There are two application periods every academic year, in October and February. The exact dates are given in the annual calendar.

The studies form part of the Official Doctoral Programme in Mathematics at the University of Barcelona, which is coordinated by the Faculty of Mathematics. Three departments in the Faculty participate in the programme: Algebra and Geometry, Applied Mathematics and Analysis, and Probability, Logic and Statistics. The Faculty of Philosophy’s Department of Logic, History and the Philosophy of Science is also involved. These departments are responsible for all doctoral training activities in the Faculty of Mathematics. The programme covers 8 research areas, and there are a total of 66 potential thesis supervisors. Therefore, there are considerable opportunities for interdisciplinarity and students on the programme may apply for different types of research grant (FPU, FPI, FI and APIF, among others).

Students on the programme benefit from all the advantages of the Faculty of Mathematics, which has an excellent location in the centre of Barcelona and one of the best mathematics libraries in Spain, with a large historical collection of books and journals. The Library provides electronic access to nearly all of the international journals on mathematics and related areas. In the Faculty, doctoral students have their own study room, equipped with computers connected to the network, a printer and a WiFi connection. The Faculty also has a grant programme for postgraduate students to attend training activities.

The programme is governed by Royal Decree 99/2011 and the General Regulations of the University of Barcelona on doctoral studies. The Academic Committee, which is comprised of representatives of all the relevant research areas, is responsible for running the programme and is chaired by the programme’s coordinator.